

Message

From: Navy Base Realignment and Closure (BRAC) [info@sfhpns.com]
Sent: 12/31/2018 11:04:40 PM
To: Manzanilla, Enrique [Manzanilla.Enrique@epa.gov]
Subject: Navy Celebrates 2018 Achievements at Hunters Point Naval Shipyard; Parcel E-2 Sea Wall; Radiological Resources



Around The Shipyard

*A periodic update of Navy cleanup activities,
program outreach, and shipyard news*



Hunters Point Naval Shipyard

Department of the Navy
Base Realignment and Closure (BRAC)

- 2018 SUCCESSES: Navy Paves the Way for Progress in 2019
- PROGRAM SPOTLIGHT: Parcel E-2 Sea Wall
- TECHNICAL ADVISOR: Ask the Expert

- HAPPY HOLIDAYS from the Navy's Cleanup Team at HPNS!
- ONLINE ACCESS: How to Find HPNS Radiological Information
- SUBSCRIBE: Stay Up-to-Date with Navy Website Updates
- DOCUMENT REVIEW RESOURCES
- FOR MORE INFORMATION
- 2018 SUCCESSIONS: Navy Paves the Way for Progress in 2019

- PROGRAM SPOTLIGHT: Parcel E-2 Sea Wall

- TECHNICAL ADVISOR: Ask the Expert

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- DOCUMENT REVIEW RESOURCES

- FOR MORE INFORMATION

有关海军在猎人角海军造船厂的清理活动方案的更多信息，请拨打 (833) 350-6222 并留言。

Para más información sobre el programa de limpieza de la Marina en Hunters Point Naval Shipyard, favor de dejar un mensaje en (833) 202-5888.

2018 SUCCESSIONS: Navy Paves the Way for Progress in 2019

Navy Celebrates 2018 Achievements at Hunters Point Naval Shipyard

The Navy is committed to ensuring the City of San Francisco and the community have complete confidence in the safety of land transferred from Hunters Point Naval Shipyard (HPNS) to the City of San Francisco. As part of this process, we are

dedicated to providing timely, factual updates on the Hunters Point cleanup and retesting efforts.

Since January 2018, the Navy has reached more than 18,000 community members through community education, events, media interviews, bus tours, office hours and other public communications. We have made great strides in our cleanup efforts this year and are happy to share a few of the key highlights with you!

Prepared Parcel G Radiological Retesting Work Plan; Incorporated Community and Regulatory Feedback

The Navy has committed to re-evaluating all areas where Tetra Tech EC did work at HPNS, beginning with Parcel G in early 2019. Resampling these areas will allow us to confirm that cleanup work is complete, or if needed, to develop additional plans to complete remediation, and to give the public confidence in the results. [Click here](#) to view the Parcel G Work Plan and other documents related to radiological retesting at the parcel.

Supported Radiological Scanning at Parcel A

At the request of residents, the Navy, and other partners from the City of San Francisco, the California Department of Public Health performed a radiological health and safety scan at Parcel A for homeowners and residents to have peace of mind about their safety. The surface scans of Parcel A-1 and A-2 are complete and confirmed the property is safe for residential use. [Click here](#) to visit the Navy's Parcel A web page.

Prepared Fourth Five-Year Review

A Five-Year Review is a step by the Navy's Base Realignment and Closure (BRAC) Program to evaluate the performance of an implemented remedy in order to verify that the remedy remains protective of human health and the environment, including evaluation of HPNS clean-up goals based on the EPA's methodology for calculating Preliminary Remediation Goals for Radionuclides (PRGs). The Five-Year Review will continue to be implemented by the Navy at HPNS in perpetuity. [Click here](#) to view program documents on the Navy's website.

Conducted Guided Tours of the Cleanup Sites at HPNS

In 2018, the Navy offered four community bus tours, taking more than 100 Hunters Point community members, tenants, and members of the media on bus tours that provided a close-up view of the Navy's cleanup at HPNS, allowing participants the opportunity to learn more about the history and status of the sites at the former shipyard. Upcoming bus tours are planned in the spring and summer of 2019. Look for

reservation information in future issues of *Around the Shipyard*. [Click here](#) to receive updates.

Provided Updates to Members of the Community at Navy and non-Navy Meetings and Events

Throughout the year, the Navy has participated in eight radiological meetings hosted by the Navy, community organizations, and homeowners' associations to provide updates on the Hunters Point cleanup, connecting with almost 300 community members in small groups and one-on-one discussion opportunities. The Navy looks forward to seeing you at a meeting or event in 2019! Subscribers to the Navy's electronic distribution list will receive notice of upcoming Navy meetings and events in future editions of *Around the Shipyard*. [Click here](#) to receive updates.

Constructed a Sea Wall to Protect San Francisco Bay Waters at Parcel E-2

An important part of the final solution at Parcel E-2 includes armoring the shoreline with rocks and topping it with a sea wall to prevent erosion and protect against future sea level rise. Two new wetlands are under construction, which will provide a habitat for native species. *Read **Program Spotlight: Parcel E-2 Sea Wall** (below).*

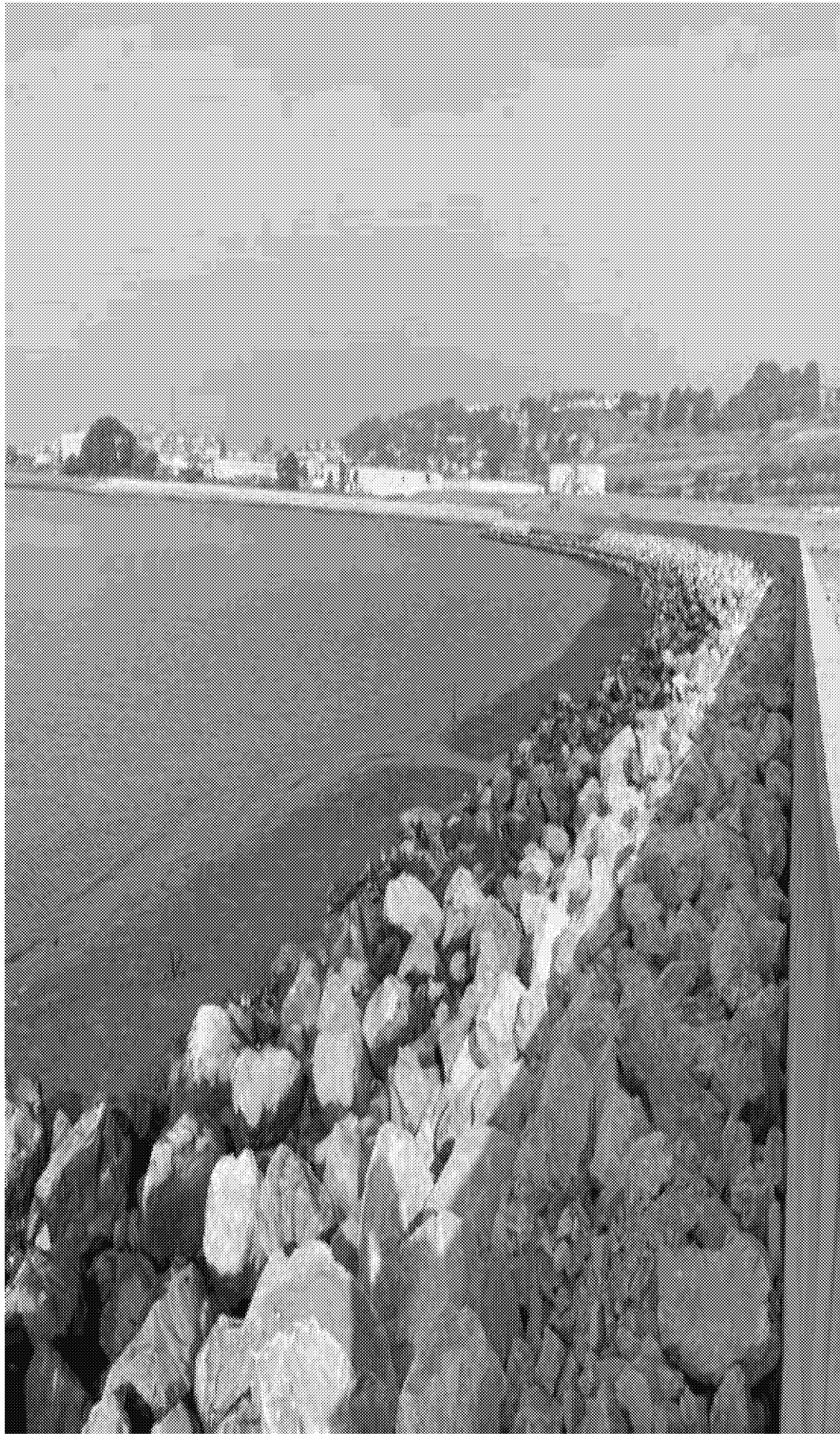
Provided a Technical Radiological Expert to Answer Community Member Questions

Dr. Kathryn Higley, a renowned expert in the field of health physics and the Head of the School of Nuclear Science and Engineering at Oregon State University, has hosted or attended more than 20 meetings with members of the Hunters Point community. *Read **Technical Advisor: Ask the Expert** (below) for more information on Dr. Higley, including a summary of her qualifications and contact information.*

Prepared the Final Record of Decision at HPNS

In April 2018, the Navy presented the final cleanup solution for Parcel F, made up of the off-shore areas at HPNS. Parcel F is the last parcel to receive a remediation plan at the former shipyard. [Click here](#) to learn about the final remedy at Parcel F.

PROGRAM SPOTLIGHT: Parcel E-2 Sea Wall



View of completed Parcel E-2 revetment and sea wall at HPNS (looking northwest).

An important element of the Navy's cleanup solution at HPNS is rebuilding the shoreline to protect against future sea level rise and prevent contamination from entering the San Francisco Bay.

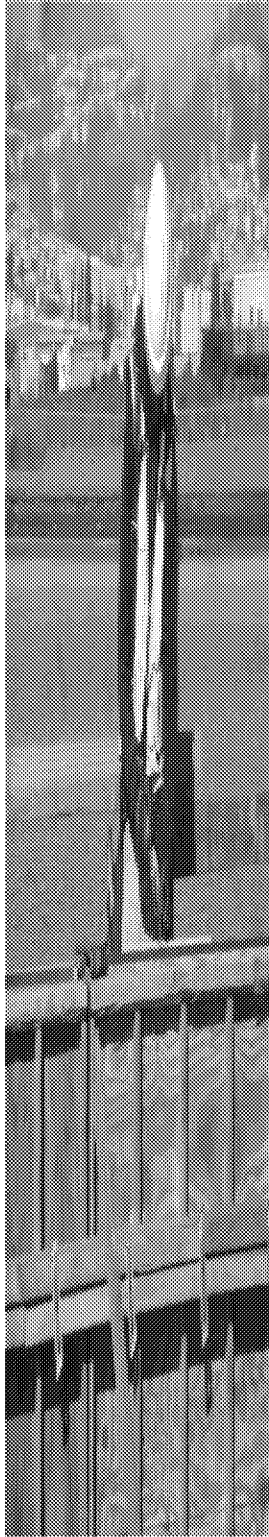
The solution involves two components at Parcel E-2: (1) constructing a protective rock barrier (known as a "revetment") on the shoreline to stop erosion from the site and (2) building a 3-foot-high, 8-inch-thick concrete sea wall to prevent Bay waters from washing up over the rock barrier. The team has worked diligently on various aspects of this project all year and is very happy to report that the shoreline protection is complete! Together, the sea wall and revetment span 1,800 feet, are approximately 35 feet wide, and reach a height of 12 feet above mean sea level. In addition to shoreline protection, the revetment and sea wall will become an important part of the Bay Trail, providing outdoor enthusiasts a link to the 500-mile walking and cycling path planned around the entire San Francisco Bay.



Rebar placement for sea wall form



Installation of sea wall form



*Placing elements on the
forms for the vertical sea
wall*



Excavating sea wall headwall trench

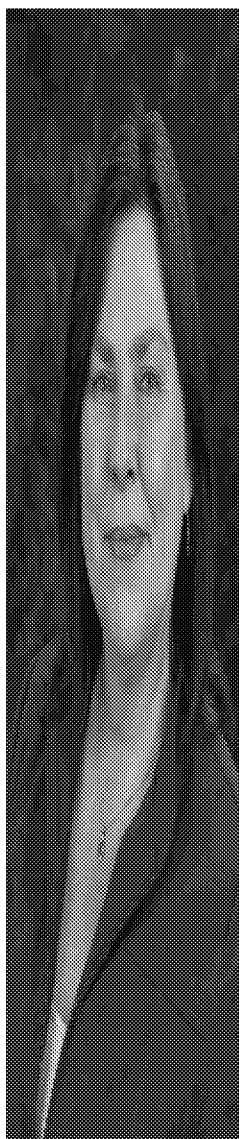


Placing armor stone at Parcel E-2 sea wall



Placing filter rock at Parcel E-2 sea wall

TECHNICAL ADVISOR: Ask the Expert



Dr. Kathryn Higley Available to Community for Radiological Health and Safety QuestionsExpert

Dr. Kathryn Higley, the Navy's community technical advisor for HPNS, is available to help answer your radiological health and safety questions by phone at (541) 737-7063 or by email at Kathryn.Higley@oregonstate.edu. Please contact her if you would like to schedule a time to meet in person.

About Dr. Higley

Dr. Higley is the Head of the School of Nuclear Science and Engineering at Oregon State University. As a Certified Health Physicist, she holds degrees in Radiological Health Sciences and is an internationally-recognized expert in radiological health and safety. She is a highly qualified independent resource available to the public to assist with HPNS radiological issues.

*Dr. Kathryn Higley,
Community Technical
Advisor for Radiological
Health and Safety*

**HAPPY HOLIDAYS from the Navy's Cleanup Team
at HPNS!**

The Navy's Base Realignment and Closure cleanup team at HPNS extends best wishes for a safe and happy holiday season to all of you! We are looking forward to continued progress at HPNS, including property cleanup, radiological retesting, and preparations for property transfer for redevelopment. We hope to see you at a future meeting or event, or on an upcoming HPNS Bus Tour! As always, we welcome your questions and comments on the Navy's cleanup at the former shipyard.

ONLINE ACCESS: How to Find HPNS Radiological Information

Navy Website Provides Information on Radiological Program Pages

The Navy has developed dedicated radiological web pages as an enhanced resource for the community to receive information on HPNS. [Click here](#) to visit the radiological pages of the HPNS website.

See below for a summary of and links to several of the pages:

- Radiological Retesting at HPNS: Get background on the Navy's radiological retesting at HPNS, including updates on each parcel included in the ongoing retesting efforts. *(Note: Content on the Radiological Retesting web page will be updated as milestones are achieved for each parcel. Please check back for updates!)*
- Timely Topics: Your first stop for up-to-date topics of interest
- Parcel A: Learn about the historical use of Parcel A, radiological surveys conducted prior to transfer of the property, and public safety
- Reference Library: Find reference documents on radiological retesting at HPNS
- Get Involved: How you can get involved in Navy meetings and events
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- Parcel A: Learn about the historical use of Parcel A, radiological surveys conducted prior to transfer of the property, and public safety

- Reference Library: Find reference documents on radiological retesting at HPNS

- **Get Involved:** How you can get involved in Navy meetings and events
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Additional resources may be found by searching other pages on the Navy's website.

SUBSCRIBE: Stay Up-to-Date with Navy Website Updates

The Navy updates the HPNS website regularly with documents, reports, and meeting materials. Additional information includes official Public Comment Periods, documents available for public review and comment, and meeting notices. **Click the button below to subscribe and receive HPNS website updates as they are posted!**

**Click here to subscribe to
HPNS website updates.**

DOCUMENT REVIEW RESOURCES

Document Review Locations

Documents related to the Navy's cleanup at HPNS are available at several established **Information Repositories**.

City of San Francisco Main Library

Science, Technical, & Government Document Room,
5th Floor
100 Larkin Street
San Francisco, CA 94102
(415) 557-4400

Shipyard Site Trailer

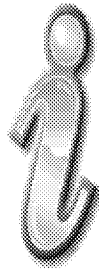
690 Hudson Avenue
San Francisco, CA 94124
(near the HPNS main gate)

Navy's Website

Radiological retesting documents are available on the new **REFERENCE LIBRARY** page of the Navy's website. Additional program documents may be found on the **DOCUMENTS** page of the Navy's website.



FOR MORE INFORMATION



How can you receive information on HPNS from the Navy and participate in the cleanup process?

- Ask an Expert, Dr. Kathryn Higley
 - Come to a Navy meeting
 - Send an email to info@sfhpnns.com
 - Leave a message on the HPNS Info Line at (415) 295-4742
-
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 - Come to a Navy meeting
 - Send an email to info@sfhpnns.com
 - Leave a message on the HPNS Info Line at (415) 295-4742

Join the HPNS mailing list

Members of the HPNS email distribution list receive updates on Navy meetings, cleanup progress updates, bus tour announcements, and other program-related materials. Click here to [SUBSCRIBE](#) to the mailing list, send an email to info@sfhpnns.com or leave a message on the HPNS Info Line at (415) 295-4742.

Find more program information at these following locations

- Navy HPNS web pages
 - Navy HPNS Radiological Cleanup Program web pages
 - Navy HPNS Information Repository at the San Francisco Public Library, Main Branch (Government Documents, 5th Floor)
 - Navy HPNS Online Administrative Record
 - Navy and Regulatory Agency Contacts for HPNS
 - Navy HPNS web pages
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- [Navy HPNS Online Administrative Record](#)
- [Navy and Regulatory Agency Contacts for HPNS](#)

**Subscribe for HPNS
newsletter updates and
program information!**

Where can I get more information about the Navy's cleanup at Hunters Point Naval Shipyard (HPNS)?

Navy Resources

Contact HPNS Program Management

Derek Robinson
BRAC Environmental Coordinator
Dept of the Navy
BRAC Program Management Office West
33000 Nixie Way, Bldg. 50, 2nd Deck
San Diego CA 92147
(619) 524-6026 derek.j.robinson1@navy.mil



Review an HPNS Report

City of San Francisco Main Library
100 Larkin Street, 5th Floor, Gov't Information Center
San Francisco, CA 94102 (415) 557-4400
Shipyard Site Trailer
690 Hudson Avenue, San Francisco, CA 94124

Join the HPNS Mailing List

To be added to the HPNS mailing list or for additional
information, email info@sfhpns.com or call (415) 295-4742

Visit the HPNS Pages on the Navy Website

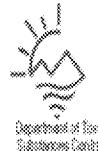
Navy Website: www.bracpmo.navy.mil/hpns

There is a link to the online HPNS Administrative Record on the
Documents Page of the Navy's HPNS web pages

Regulatory Agency Resources



Lily Lee
Project Manager
US EPA, Region 9
75 Hawthorne Street, M/C SFD-8-3
San Francisco, CA 94105
(415) 947-4187 lee.lily@epa.gov



Nina Bacey
Project Manager
CA Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710-2721
(510) 540-2480 Juanita.Bacey@dtsc.ca.gov



Tina Low
Project Manager
San Francisco Bay
Regional Water Quality Control Board
1515 Clay Street, Ste. 1400
Oakland, CA 94612
(510) 822-2445
TLow@waterboards.ca.gov

Community Resources



Dr. Kathryn Higley
Community Technical Advisor
for Radiological Health and Safety

Contact the Radiological Health and Safety Community Technical Advisor with Questions

Dr. Kathryn Higley
Oregon State University
School of Nuclear Science and Engineering
(541) 737-7063
kathryn.higley@oregonstate.edu
www.ns.oregonstate.edu/kathryn-higley

Dr. Higley is the Head of the School of Nuclear Science
and Engineering at Oregon State University. As a Certified Health Physicist, she
holds degrees in Radiological Health Sciences. She is available to answer
community member questions by phone or email, and makes herself available to
meet in person with community members whenever possible.

有

关海军在猎人角海
军造船厂的清理活动方案的更多信息。

关海军在猎人角海

请拨打 (833) 350-6222 并留言。

Para más información sobre el programa de limpieza de la Marina en

07.29.18

About This Newsletter

Around the Shipyard is a periodic update of Navy cleanup activities, program outreach and shipyard news at Hunters Point Naval Shipyard (HPNS) for members of the HPNS community. This newsletter is an extension of the Navy's outreach for the environmental cleanup program as outlined in the Navy's HPNS Community Involvement Plan. The purpose is to enhance the availability of program information through the use of electronic resources.

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